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60 GROVE ST. | WORCESTER, MA 01605

September 6, 2017

**PLANNING BOARD
GRAFTON, MA**

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gravesengineering.com

**Subject: Dimitria Delights – Building Addition
73-81 Creeper Hill Road
Modified Site Plan and Wetland Regulations Review**

EXHIBIT

#7

Dear Joe and Maria:

We received the following documents on August 10, 2017:

- Correspondence from Thompson-Liston Associates, Inc. to Grafton Planning Board dated August 9, 2017, re: Modification of Special Permit and Site Plan Approval.
- Correspondence from Thompson-Liston Associates, Inc. to Grafton Conservation Commission dated August 9, 2017, re: Request to Amend the Order of Conditions issued under DEP file #164-0931.
- Document entitled Project Description at 81 Creeper Hill Road undated, prepared by Thompson-Liston Associates, Inc.
- Plans entitled Site Plan of Land for Building Addition, 81 Creeper Hill Road, Grafton, Massachusetts dated August 8, 2017, prepared by Thompson-Liston Associates, Inc. for Colorio Realty, LLC. (7 sheets)
- Bound document entitled Drainage Report, 81 Creeper Hill Road, Grafton, MA dated August 8, 2017, prepared by Thompson-Liston Associates, Inc.

We also received the following documents on August 24, 2017:

- Correspondence from Thompson-Liston Associates, Inc. to Grafton Conservation Commission dated August 24, 2017, re: Request to Amend the Order of Conditions issued under DEP file #164-0931.
- Document regarding stormwater management standards #1-10, undated, prepared by Thompson-Liston Associates, LLC.
- Plans entitled Site Plan of Land for Building Addition, 81 Creeper Hill Road, Grafton, Massachusetts dated August 8, 2017 and revised August 21, 2017, prepared by Thompson-Liston Associates, Inc for Colorio Realty, LLC. (7 sheets)

Graves Engineering, Inc. (GEI) has been requested to review and comment on the plans' conformance with applicable "Grafton Zoning By-Law" amended through October 17, 2016; Massachusetts Department of Environmental Protection (MassDEP) Stormwater Handbook

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and standard engineering practices on behalf of the Planning Board. GEI has also been requested to review and comment on the documents' conformance with applicable Conservation Commission "Regulations for the Administration of the Wetlands By-Law" dated May 2014 on behalf of the Conservation Commission. GEI was authorized to proceed with this review on August 16, 2017.

Our comments follow:

Zoning By-Law

1. The plans need to include the approximate locations of buildings and driveways within two hundred feet of the property lines. There are buildings located to the north and northwest of the project site that appear to be within two hundred feet of the property lines. (§1.3.3.3.d.11)

Hydrology & MassDEP Stormwater Management Review

2. GEI reviewed the hydrology computations and found them to be in order.
3. Compliance with the MassDEP Stormwater Standards and Stormwater Handbook is reasonable.

Regulations for the Administration of the Wetlands By-Law

4. GEI has no issues relative to compliance with the Regulations for the Administration of the Wetlands By-Law.

General Engineering

5. The "Drainage Pipe and Invert Table" on Sheet G3 must be revised to show the slope of the 12" HDPE pipe from CDS2015 to the headwall, which GEI calculated to be approximately 0.013 ft/ft.
6. On Sheet D6, the "Infiltration Structure" construction detail shows Module "D" (two are proposed) will have windows at opposite ends of the module and one perforated wall, but the modules are proposed at corners of the infiltration system. These two modules need to have two perforated walls similar to Module "C".

General Comments

7. On Sheet D6, the paragraph at the bottom of the "Infiltration Structure" construction detail (the paragraph begins with "A Vort Sentry HS catch basin five feet away...") appears to be copied from another project and is not applicable to this project. If our understanding is correct, then the paragraph needs to be deleted.

We trust this letter addresses your review requirements. Feel free to contact this office if you have any questions or comments.

Very truly yours,
Graves Engineering, Inc.

A handwritten signature in black ink, appearing to read 'Jeffrey M. Walsh', is written over the printed name.

Jeffrey M. Walsh, P.E.
Vice President

cc: James Tetreault, P.E.; Thompson-Liston Associates, Inc.

